

+

+

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

to a collection of information unless it contains a valid OMB control number.

SuppStute for form 1449A/PTC

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 6

**Complete if Known**

Application Number	09/676,380
Filing Date	09/29/00
First Named Inventor	Maible
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	99-057

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

/Christina Borgeest/

29 September 2009

Examiner  
Signature

Date  
Considered

30th April 2002

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter

code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial

number of the patent document. <sup>b</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if

possible. <sup>8</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/088 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Class II contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 6

## Complete if Known

Application Number	09/676,380
Filing Date	09/29/00
First Named Inventor	Maible
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	99-057

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
OK		REITER, JILL L. and MAIHLE, NITA J.; A 1.8 kb Alternative Transcript from the Human Epidermal Growth Factor Receptor Gene Encodes a Truncated Form of the Receptor; Journal; 4050-56 Nucleic Acids Research, 1996, Vol. 24, No. 20.	
		BARON, ANDRE T., et al; Monoclonal Antibodies Specific for Peptide Epitopes of the Epidermal Growth Factor Receptor's Extracellular Domain; Journal; HYBRIDOMA, Mary Ann Liebert, Inc., Mayo Clinic Foundation; Vol. 16, No. 3, 1997.	
		HAKIOO LEE and MAIHLE, NITA; Isolation and Characterization of Four Alternate c-erbB3 Transcripts expressed in Ovarian Carcinoma-derived Cell Lines and Normal Human Tissues; Oncogene (1998) 16, 3243-3252.	
		BARON, ANDRE T.; Serum sErbB1 and Epidermal Growth Factor Levels as Tumor Biomarkers in Women with Stage III or IV Epithelial Ovarian Cancer; Cancer Epidemiology, Biomarkers and Prevention, Vol. 8, 129-137, February 1999.	
		DOWNWALD, et al; article; Close Similarity of Epidermal Growth Factor Receptor and v-erbB oncogene protein sequences; NATURE, 307 (5951), 521-527 (1984).	
		ULLRICH, et al; article; NATURE, 309, 418 (1984).	
		COUSSENS, et al; article; SCIENCE, 230, 1132-1139 (1985).	
		KRAUS, et al; article; PROC. NAT'L. ACAM. SCI. USA, 86, 9193 (1989).	
		PLOWMAN, et al; article; PROC. NAT'L. ACAM. SCI. USA, 87, 4905 (1991).	

Christina Borgeest/

29 September 2009

Examiner Signature	Date Considered
<i>John Chis</i>	<i>John Chis</i>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Receipt date: 01/22/2001

Please type a plus sign (+) inside this

+

09/676,380 GAU 1649

PTO/SB/089 (09-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 6

Complete if Kn wn

Application Number 09/676,380  
Filing Date 09/29/00  
First Named Inventor Maible  
Group Art Unit Not yet assigned  
Examiner Name Not yet assigned  
Attorney Docket Number 99-057

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Ma		MAIBLE, <i>et al</i> , article, PROC NAT'L ACAM. SCI, 88, 1825 (1991).	
		ILEKIS, <i>et al</i> , article, MOL. REPROD. DEVEL., 41, 149 (1995).	
		MERLINO, <i>et al</i> , article, MOL. CELL. BIOL., 5, 1722 (1985).	
		HUNTS, <i>et al</i> , CELL MOL. GENET., 11, 477 (1988).	
		PETCH <i>et al</i> , MOL. CELL. BIOL., 10, 2973 (1990).	
		McKENZIE, article, BIOCHEM. BIOPHYS. ACTA, 1072, 193 (1991).	
		BRANDT-RAUF, article, MUTAT. RES., 333, 203 (1995).	
		MORI <i>et al</i> , article, JPN. J. CANCER RES., 81, 489 (1990).	
		MEDEN <i>et al</i> , article, ANTICANCER RES., 17, 757 (1997).	
		HAYES <i>et al</i> , article, BREAST CANCER TREAT., 14, 135 (1993).	
		LEITZEL <i>et al</i> , article, J. CLIN. ONCOL., 13, 1129 (1995).	
		YAMANCHI, <i>et al</i> , article, J. CLIN. ONCOL., 15, 2518 (1997).	
		PARTANEN <i>et al</i> , article, J. OCCUP. MED., 36, 1324 (1994).	
		PARTANEN <i>et al</i> , article, INT. J. ONCOL., 4, 1025 (1995).	
		WITTERS <i>et al</i> , article, CLIN. CANCER RES., 1, 551 (1995).	

(Christina Borgest)

29 September 2009

Examiner  
Signature

*[Signature]*

Date

Considered

*[Signature]*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this

PTO/SB/08B (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 4 of 6

**Complete if Known**

Application Number	09/676,380
Filing Date	09/29/00
First Named Inventor	Maibla
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	99-057

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ILEKIS, J.V., <i>et al</i> ; article; Expression of a Truncated Epidermal Growth Factor Receptor-like Protein (TEGER) in Ovarian Cancer, GYNECOL. ONCOL. 65: 36-41 (1997).	
		XU <i>et al</i> ; article; PROC. NAT'L ACAD. SCI., 81, 7308 (1984).	
		SALOMEN <i>et al</i> ; article; CRIT. REV. ONCOL. HEMATOL., 19, 183 (1995).	
		KING <i>et al</i> ; article; SCIENCE, 229, 974 (1985).	
		HENDLER <i>et al</i> ; article; PROC. AM. SOC. CLIN. ONCOL., 8, 223 (1989).	
		VEALE <i>et al</i> ; article; CANCER RES., 49, 1313 (1989)	
		SCHLEGEL <i>et al</i> ; article; INT. J. CANCER, 56, 72 (1994).	
		NEAL, <i>et al</i> ; article; CANCER, 65, 1619 (1990).	
		MELLON <i>et al</i> ; article; J. UROL., 153, 919 (1995).	
		BERCHUCK <i>et al</i> ; article; AM. J. OBSTET. GYNECOL., 164, 669 (1991).	
		SCAMBIA <i>et al</i> ; article; I. CLIN. ONCOL., 10, 529 (1992)	
		SAMBROOK <i>et al</i> ; article; MOLECULAR CLONING: A Laboratory Manual, Cold Spring Harbor, NY (1989).	
		LAWN <i>et al</i> ; article; NUCLEIC ACIDS RES., 9, 6103 (1981).	

/Christina Borgeest/

29 September 2009

Examiner Signature 	Date Considered 
------------------------	---------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this ☒

App. for use through 10/31/2002, OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 6

## Complete if Known

Application Number	09/676,380
Filing Date	09/29/00
First Named Inventor	Maible
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	99-057

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>2</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
<i>JS</i>		GOEDDEL <i>et al.</i> , article; NUCLEIC ACIDS RES., 8, 4057 (1980).	
		ADELMAN, <i>et al.</i> , article; DNA, 2, 183 (1983).	
		CREA, <i>et al.</i> , article; PROC. NAT'L ACAD. SCI., 75, 5765 (1978).	
		VIERA <i>et al.</i> , article; METH. ENZYMOL., 153, 3 (1987).	
		STEWART <i>et al.</i> , Solid Phase Peptide Synthesis, W.H. Freeman Co., San Francisco (1969)	
		MERRIFIELD, J. Am. Chem. Soc., 85, 2149 (1963)	
		MEIENHOFER, "Hormonal Proteins and Peptides," ed. Solid Phase Method, 1973, Vol. 2, Li (ed.), Academic Press, pp. 45-267.	
		FLICKINGER <i>et al.</i> , Mol. Cell. Biol., 12, 883 (1992)	
		CHEN <i>et al.</i> , Nature, 32, 826 (1987)	
		ATSUBEL <i>et al.</i> , Current Protocols in Molecular Biology, John Wiley & Sons, NY (1994)	
		MAIBLE <i>et al.</i> , Mol. Cell. Biol., 8, 4868 (1988)	
		WATERFIELD <i>et al.</i> , J. Cell. Biochem., 20, 149 (1989)	
		BARON <i>et al.</i> , October 1, 1998, A sandwich type acridinium-linked immunosorbent assay (ALISA) detects "soluble" ErbB1 (sErbB1) analogs in normal human serum; J. Immunol. Methods, 219, 23-43	

/Christina Borgeest/

29 September 2009

Examiner Signature <i>JS</i>	Date Considered <i>306.0000</i>
---------------------------------	------------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burdan Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/088 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
to a collection of information unless it contains a valid OMB control number

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

Application Number	09/676,380
Filing Date	09/29/00
First Named Inventor	Maible
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	99-057

(use as many sheets as necessary)

Sheet	6	of	6
-------	---	----	---

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

~~CHEN *et al.*, 1989, a.k.a. pXEGFR, Opresko *et al.*, 1995~~

~~MOSCOVICI *et al.*, 1977; ATCC~~

/Christina Borgeest/

29 September 2009

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.